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(54) **METHOD AND DEVICE FOR THE DETERMINATION OF SEVERAL ANALYTES WITH SIMULTANEOUS INTERNAL VERIFICATION IN A GRAPHICAL COMBINATION**

USPC 436/169; 422/55
See application file for complete search history.

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(57) **ABSTRACT**

The invention relates to a device in which molecules capable of reacting with analytes that are to be detected are immobilized on a surface such that said analytes are bound and can be detected in a subsequent reaction or in several reaction steps. According to the invention, at least two such surfaces are combined in a graphically connected manner, one of said surfaces being used for detecting an analyte and the other one being used for verifying or quantifying the analyte. Said surfaces are embodied so as to simultaneously enter into contact with a sample matrix. The inventive device and a corresponding method can be used for all diagnostic areas, especially in medical diagnostics such as diagnoses of allergies, infections, typifications, DNA/RNA diagnoses, pharmacological and toxicological diagnoses, as well as in food diagnostics, veterinary diagnostics, or environmental diagnostics.

18 Claims, 5 Drawing Sheets

